

Large Whale Entanglement Report 2001

updated February 2003

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2001 Large Whale Entanglement Reports

Updated February 2003

Table 1: Summary of 2001 large whale entanglement reports for live entangled whales: confirmed vs. non confirmed by common name.

Live Entangled Whales			
Common name	Confirmed	Unconfirmed	Total
Right Whale	2		2
Humpback Whale	7		7
Fin Whale	1		1
Minke Whale	2		2
Unidentified		6	6
Total	12	6	18

Table 2: Summary of 2001 large whale entanglement reports for dead, beached or floating whales: confirmed vs. non confirmed by common name.

Dead Entangled Whales			
Common name	Confirmed	Unconfirmed	Total
Right Whale	2		2
Humpback Whale	3	1	4
Fin Whale	1		1
Minke Whale	3		3
Unidentified			
Total	9	1	10

NOTE:

- Dead/Live status of the whale documents the outcome, if known, of the whale. Therefore, whales initially sighted as live entangled that subsequently died are documented as “dead”.
- New England Aquarium provided sighting and life history information for right whales.
- Center for Coastal Studies provided sighting and life history information for humpback whales.
- Live whale entanglements are often dynamic with changes in gear or the condition of the whale reported over time. Therefore some of the reports that follow are still under analysis. Data are represented as accurately as possible with information received as of February 2003.

Table 3: Key for agency acronyms used in this report

Acronyms

CCS	Center for Coastal Studies
MA DMF	Massachusetts Division of Marine Fisheries
MMSC	Marine Mammal Stranding Center
NEAq	New England Aquarium Right Whale Research Team
NMFS	National Marine Fisheries Service
NMFS PSB	NMFS Protected Species Branch, Northeast Fisheries Science Center
NMFS DEII	NMFS Research Vessel Delaware II
NMFS SAS	NMFS Sightings Advisory System, Protected Resources Div., Northeast Regional Office
NOAA	National Oceanic and Atmospheric Administration
UNC	University of North Carolina
USCG	United States Coast Guard
VMSSM	Virginia Marine Science Museum
WHOI	Woods Hole Oceanographic Institution

NMFS No.	E1-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	2/12/01
Species	Humpback
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	Off Frisco, NC
Latitude/Longitude	35E 12.6' N 75E 35.35' W
Event Description	2/12/01 <ul style="list-style-type: none"> • Reported by fisherman • Fishing vessel stood by • Fishing vessel (with NMFS observer) documented entanglement • Whale freed itself after approximately 1 hour entangled
Description of Gear on Whale	Netting on flukes
Description of Wounds	None noted
Gear Type	2 7/8" - 3" monofilament gillnet, target species: trout (weakfish)
Sighting Prior to Entanglement	Unknown
Re-sightings	Unknown
Life History Information	Juvenile; 25 ft in length

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E1-01		
Field No.	J021201	Date 1 st Observed Entangled	2/12/01
Location 1 st Observed	1 nm south of Cape Hatteras, NC.	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	See below

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman	X	Location
	Other	CCS, NMFS observer	Depth
			Bottom Type
Gear Type:	sink gillnet	Target Species:	trout (weakfish)
<p><u>Gear Description:</u> Sink gillnet, 2 7/8" - 3" mesh.</p>			
<p><u>Comments:</u></p> <p>Fisherman found whale in gear. CCS report indicates whale was entangled at flukes by monofilament mesh only. The whale breached and freed itself from the gear. A NMFS observer confirmed that the whale swam off free of gear.</p>			
<p><u>Conclusions:</u></p> <p>Whale freed itself from the gillnet.</p>			
Report By:	J.F.Kenney	Date:	10-15-01
		Current Location of Gear	NA

NMFS No.	E2-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Dead
Date 1st Observed Entangled	4/7/01
Species	Humpback
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	Emerald Isle, NC
Latitude/Longitude	34.66857' N 76.99572' W
Event Description	<p>4/7/01</p> <ul style="list-style-type: none"> • Carcass reported floating outside of Bogue Inlet, NC <p>4/8/01</p> <ul style="list-style-type: none"> • Carcass landed on Emerald Isle, NC • Investigated by staff from NOAA Fisheries Beaufort Lab and UNC Wilmington • Edema on tail stock at sight of entanglement wounds
Description of Gear on Whale	No gear observed
Description of Wounds	Line or cable marks/wounds on tail stocks and flukes
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings:	None (Mortality)
Life History Information	Male; 763 cm in length

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E2-01		
Field No.		Date 1 st Observed Entangled	4/7/01
Location 1 st Observed	Emerald Isle, NC	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-2-03
		Current Location of Gear	NA

NMFS No.	E3-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Dead
Date 1st Observed Entangled	4/8/01
Species	Humpback
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	Myrtle Beach, SC
Latitude/Longitude	33E 39.67' N 78E 54.88' W
Event Description	4/8/01 <ul style="list-style-type: none"> • Stranded live, emaciated • Investigated by UNC Wilmington • Signs of pre-mortem entanglement and ship strike
Description of Gear on Whale	No gear observed
Description of Wounds	Deep necrotic wrapping marks on both sides of fluke base. Seven prop cut wounds on left peduncle and left flipper cut in half with 3 prop marks.
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings:	None (Mortality)
Life History Information	Male; 790 cm in length

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E3-01		
Field No.		Date 1 st Observed Entangled	4/8/01
Location 1 st Observed	Myrtle Beach, NC	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-2-03
		Current Location of Gear	NA

NMFS No.	E4-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Dead
Date 1st Observed Entangled	4/9/01
Species	Humpback
Species Classification	Confirmed
No. of Animals	1
Individual ID	Inland
Location	Just offshore of Sandbridge area near VA Beach, VA
Latitude/Longitude	36E 43.89' N 75E 55.92' W
Event Description	<p>4/9/01</p> <ul style="list-style-type: none"> • Resident reported stationary whale just offshore • VMSM responded and discovered dead humpback in gillnet gear <p>4/10/01</p> <ul style="list-style-type: none"> • Whale and related gear were hauled in • Whale was necropsied • Signs of pre-mortem entanglement noted by necropsy team leader
Description of Gear on Whale	Gillnet wrapped 2-3 times around the caudal peduncle at the insertion of the flukes. Net also ran along the left side of the body towards the head.
Description of Wounds	Numerous abrasions on rostrum, peduncle, and flukes consistent with line entanglement. Necropsy results state that the entanglement caused the animal to struggle and die.
Gear Type	Sink gillnet, 4" mesh, target species: croaker
Sighting Prior to Entanglement	12/28/00 01/28/01-Unconfirmed (probable sighting of Inland, but no photos to confirm)
Re-sightings:	None (Mortality)
Life History Information	Sub-adult female; 879 cm in length

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E4-01		
Field No.	J 040901	Date 1 st Observed Entangled	04/09/01
Location 1 st Observed	1/4 mi off Virginia Beach, VA	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	dead whale in gear
Species	Humpback	Gear Retrieved (y/n)	Yes
Individual ID	Inland	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	4/10/01	Gear Retrieved By	VMSM / UNC Wilmington	
Date Gear Received	4/13/01	Received From	Sue Barco VMSM	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman	not owner of gear	Location	
	Other	VMSM, UNC	Depth	20 feet
			Bottom Type	sand
Gear Type:	Sink gillnet	Target Species:	croaker	

Gear Description:

Sink gillnet gear, target species: croaker. Received from Sue Barco approximately 14 fm of net that was removed from the whale - more gear was recovered but left with the fishermen. Standard 3/8" lead core leadline, 3/8" hollow braided floatline w/hard foam floats every 3 ft. Twine size .029", .72mm. Mesh size 3.9245" between knots, 24.5 meshes deep plus hanging.

Comments:

Sue Barco, VMSM, describes humpback entangled in 100 - 150 ft of gillnet with no anchors or buoys. Bridle was hung on offshore anchor (22 lb danforth) of intact net (not same fishermen). Section of netting received by NMFS had 2 cut ends - no bridle.

Conclusions:

Report By:	John F. Kenney	Date:	6/5/01	Current Location of Gear	Narragansett, D-11
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NMFS No.	E5-01
Entanglement Classification	Unconfirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	5/2/01
Species	Unidentified
Species Classification	Unconfirmed
No. of Animals	1
Individual ID	Unknown
Location	15 miles SE of Cape Ann
Latitude/Longitude	42E 25.9' N 70E 28' W
Event Description	<p>5/2/01</p> <ul style="list-style-type: none"> • Reported by anonymous fisherman on opening of gillnet season • Caller reported 2 whales, one in netting and the other staying by the entangled whale • Communication problems delayed search until the following day • Whale was not relocated
Description of Gear on Whale	Netting
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings:	Unknown
Life History Information	Unknown

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E5-01		
Field No.		Date 1 st Observed Entangled	5/2/01
Location 1 st Observed	15 miles Southeast of Cape Ann, MA	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation Unconfirmed
Species	Unidentified	Gear Recovered (y/n)	No
Individual ID	Unconfirmed	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-2-03
		Current Location of Gear	NA

NMFS No.	E6-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Dead (presumed dead 9/16/2001)
Date 1st Observed Entangled	6/8/01
Species	Right
Species Classification	Confirmed
No. of Animals	1
Individual ID	1102, "Churchill"
Location	Great South Channel, Northwest of Cultivator Shoals
Latitude/Longitude	41E 51.78' N 68E40.30' W
Event Description	<p>6/8/01</p> <ul style="list-style-type: none"> Sighted and documented by NOAA SAS Aerial Survey team <p>6/7/01</p> <ul style="list-style-type: none"> NOAA SAS team (from air) and CCS team (from water) relocated whale Whale was assessed (poor condition) and tagged w/ telemetry buoy <p>6/19/01</p> <ul style="list-style-type: none"> Reconnaissance flight checked on the whale and documented from the air <p>6/25/01</p> <ul style="list-style-type: none"> CCS and NOAA Fisheries attempted to locate whale by vessel but fog and an onboard emergency prevented the team from reaching the whale. CCS plane flew over whale in the fog and reported strong VHF signal <p>6/26/01</p> <ul style="list-style-type: none"> CCS aerial team located and directed vessel team to whale CCS and NOAA Fisheries assessed and attempted to sedate the whale. The sedative was administered but dose was apparently too low The team shortened the telemetry tether and removed 20 ft of line <p>7/3/01</p> <ul style="list-style-type: none"> Whale documented from air by CCS aerial survey team <p>7/10/01</p> <ul style="list-style-type: none"> CCS aerial team located and directed vessel team to whale CCS and NOAA Fisheries assessed and took skin biopsies. Choppy seas and fog prevented any attempts at sedation or disentanglement <p>7/14/01</p> <ul style="list-style-type: none"> Vessel and plane teams located the whale Sedation was attempted with little behavior changes noted Tail harnesses were deployed but were unsuccessful Physical restraint was applied to entangling line; entanglement was not altered Biopsies taken Whale's condition continued to deteriorate <p>8/2/01</p> <ul style="list-style-type: none"> Whale was photographed by Canadian Coast Guard off Magdalene Islands <p>8/29/01</p> <ul style="list-style-type: none"> CCS flight searched for whale and picked up VHF signal (did not see whale) <p>8/30/01</p> <ul style="list-style-type: none"> Vessel and plane teams located the whale Sedation was attempted with apparent short term effectiveness Tail harnesses were attempted but failed Skin biopsies were taken Fresh telemetry buoy was applied

Event Description (continued)	<p>~ 9/2/01 - 9/10/01</p> <ul style="list-style-type: none"> • Telemetry buoy indicated slower speeds and increased surface time (near 100%) <p>9/10/01</p> <ul style="list-style-type: none"> • Reconnaissance flight by US Coast Guard Falcon Jet crew confirmed that the whale was alive but apparently inactive and at the surface <p>9/10/01</p> <ul style="list-style-type: none"> • Telemetry buoy indicated that whale had resumed more “normal” activity level <p>9/16/01</p> <ul style="list-style-type: none"> • Telemetry transmissions ceased and whale was presumed dead and sunk <p>Overall the whale was tracked for 100 days for nearly 5,000 miles. The whale traveled as far north as the Gulf of St Lawrence Canada. The effort to rescue Churchill involved a team of over a dozen researchers, veterinarians and disentanglement experts from the US and Canada.</p>
Description of Gear on Whale	A single line that enters one side of the mouth, cinches tightly around the rostrum and exits the other side of the mouth. A knot on the right side prevented the line from slipping through the baleen.
Description of Wounds	Deep wound on rostrum with imbedded line causing infection and granulated tissue. Entanglement wounds and scars also present on the tail stock.
Gear Type	Unknown - Approximately 35 feet of 5/8" dia. Floating rope was recovered.
Sighting Prior to Entanglement	Bay of Fundy, August 1998
Re-sightings	<p>6/7/01</p> <ul style="list-style-type: none"> • from vessel and air; 41E 53.36' N / 68E 31.79' W; Great South Channel <p>6/19/01</p> <ul style="list-style-type: none"> • from air; Great South Channel <p>6/26/01</p> <ul style="list-style-type: none"> • from vessel and air; Great South Channel <p>7/3/01</p> <ul style="list-style-type: none"> • from air; Great South Channel <p>7/10/01</p> <ul style="list-style-type: none"> • from vessel and air; Great South Channel <p>7/14/01</p> <ul style="list-style-type: none"> • from vessel and air; Great South Channel, 86 miles E of Provincetown, MA <p>8/2/01</p> <ul style="list-style-type: none"> • from air: off Magdalene Islands, Canada <p>8/30/01</p> <ul style="list-style-type: none"> • from vessel and air; Great South Channel <p>9/10/01</p> <ul style="list-style-type: none"> • from air; Great South Channel
Life History Information	Adult male; ~22 years old

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E6-01		
Field No.	J060801	Date 1 st Observed Entangled	06-08-01
Location 1 st Observed	Grear South Channel 41E 51.78'N 68E 40.30'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	right whale	Gear Recovered (y/n)	Yes
Individual ID	# 1102	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	6-9-01 & 6-26-01	Gear Retrieved By	CCS
Date Gear Received	6-25-01 & 6-26-01	Received From	CCS, Mattila & Morin
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:	Unknown	Target Species:	
<p><u>Gear Description:</u> Floating rope, approximately 35 feet of 5/8" diameter, green with red tracer.</p>			
<p><u>Comments:</u> The rope removed has no identifying marks.</p>			
<p><u>Conclusions:</u> Whale was entangled in 5/8" diameter floating rope of unknown origin.</p> <p>Gear was tagged by Joe Green 8/10/01, # 0073148</p>			
Report By:	John Kenney	Date:	7-31-01 8-20-01
		Current Location of Gear	Kingston, RI

NMFS No.	E7-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	6/13/01
Species	Minke
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	Just east of Provincetown, MA; Stellwagen Bank
Latitude/Longitude	42E 06.6' N 70E 08.83' W
Event Description	6/13/01 <ul style="list-style-type: none"> • Sighted by CCS whale watch personnel • Photo documented • Whale watch vessel unable to stand by • Whale lost
Description of Gear on Whale	Tangle of dark line behind blow hole. Trailing line on left side.
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings	Unknown
Life History Information	Unknown

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E7-01		
Field No.	J061301	Date 1 st Observed Entangled	6/13/01
Location 1 st Observed	4 nm east of Provincetown, MA	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:			Target Species:		
<u>Gear Description:</u>					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	J.F.Kenney	Date:	10-15-01	Current Location of Gear	NA

NMFS No.	E8-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	6/29/01
Species	Fin
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	Scantum Basin, north of Cape Ann, MA
Latitude/Longitude	42E 49.99' N 70E 35.73' W
Event Description	<p>6/29/01</p> <ul style="list-style-type: none"> • Reported by crew from whale watch vessel • Several whale watch vessels took turns standing by • Final assessment from researcher aboard a whale watch vessel was that the whale was free of gear and that the white buoy was no longer trailing behind.
Description of Gear on Whale	Line trailing 10-20 feet behind whale with white buoy at the end.
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings	Unknown
Life History Information	Unknown

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E8-01		
Field No.	J062901	Date 1 st Observed Entangled	6/29/01
Location 1 st Observed	8 nm north of Cape Ann, MA Scantum Basin	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Finback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:			Target Species:		
<u>Gear Description:</u>					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	J.F.Kenney	Date:	10-15-01	Current Location of Gear	NA

NMFS No.	E9-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	7/20/01
Species	Right
Species Classification	Confirmed
No. of Animals	1
Individual ID	2427
Location	East of Jeffreys Ledge
Latitude/Longitude	43E 04.65' N 69E 58.15' W
Event Description	<p>7/20/01</p> <ul style="list-style-type: none"> • Reported by crew from whale watch vessel • Several whale watch vessels took turns standing by • CCS disentanglement team assessed and disentangled whale <p>7/28/01</p> <ul style="list-style-type: none"> • Sighted by boater • CCS responded and discovered that it was #2427 • CCS documented. A small bit of rope was left in the baleen • They reported some healing of the wounds since disentanglement <p>10/16/01</p> <ul style="list-style-type: none"> • Sighted by whale watch vessel crew in the Bay of Fundy • Crew documented and reported that the whale's behavior was abnormal; whale was not showing flukes or back and was holding its head up.
Description of Gear on Whale	Multiple wraps through mouth, dislocating some baleen so that it protruded. Orange poly ball trailing 8-10 feet behind the right side of mouth
Description of Wounds	Baleen was dislocated and protruding from mouth. A few cuts noted on the head and tail stock
Gear Type	Offshore lobster gear - Complete surface system with the exception of the high-flyer
Sighting Prior to Entanglement	3/15/01 and 3/17/01 in Cape Cod Bay
Re-sightings:	<p>7/28/01</p> <ul style="list-style-type: none"> • Great South Channel at 41E 33' N 69E 16' W <p>10/16/01</p> <ul style="list-style-type: none"> • Bay of Fundy at 44E 33' N 66E 23' W
Life History Information	Male, born in 1994

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E9-01		
Field No.	J072001	Date 1 st Observed Entangled	7-20-01
Location 1 st Observed	East Jeffreys Ledge GOM	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	disentanglement
Species	Right whale	Gear Recovered (y/n)	Yes
Individual ID	2427	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	7-20-01	Gear Retrieved By	CCS
Date Gear Received		Received From	CCS
Sources:	USCG	Date Set	1-7-01
	CCS	Date Lost	late Jan, 2001
	Fisherman	Location	GOM, Sewell Ridge
	Other	Depth	110 fm
		Bottom Type	edge of mud & gravel
Gear Type:	offshore lobster gear	Target Species:	lobster
<p><u>Gear Description:</u> Gear recovered consisted of a complete surface system with the exception of the high-flyer. The high-flyer bridle was present, from the bridle ran a 5 fm length of ½" sink rope to an eye of a '3-legger'. The 3-legger is 5/8" polysteel. To the center eye of the 3-legger was attached an A3 poly ball with ½" sink rope with a steel swivel midway along it's 1 fathom length. The final leg terminates in an eye and there was nothing attached to it when recovered. This eye is where the buoy line would be attached.</p>			
<p><u>Comments:</u> From the markings on the poly ball, the original owner was identified, contacted and interviewed on 7/31/01. Information from this interview indicated the gear was set in 110 fathoms of water on mud/gravel edge southwest of Crowell Basin in early January, 2001. In late January, the Capt. discovered 20 traps along with the buoy line and surface system missing.</p>			
<p><u>Conclusions:</u> The gear recovered from this entanglement is consistent with gear that has been equipped with a weak link.</p> <p>Gear was tagged by Joe Green 8/10/01, # 24876</p>			
Report By:	John Kenney	Date:	8-20-01 8-24-01
		Current Location of Gear	Kingston, RI

NMFS No.	E10-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	7/21/01
Species	Humpback
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	20 miles east of Cultivator Shoals; 62 NM off Nantucket, due east
Latitude/Longitude	41E 29.9' N 68E 39.6' W
Event Description	7/21/01 <ul style="list-style-type: none"> • Reported by fish spotter one day after sighting • No disentanglement response
Description of Gear on Whale	Line over head and caught on pectoral flippers. Dragging orange poly balls.
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings:	Unknown
Life History Information	Unknown

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E10-01		
Field No.		Date 1 st Observed Entangled	7/21/01
Location 1 st Observed	62 nm East of Nantucket, MA	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-2-03
		Current Location of Gear	NA

NMFS No.	E11-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	7/25/01
Species	Humpback
Species Classification	Confirmed
No. of Animals	1
Individual ID	Nile
Location	Southwest corner of Stellwagen Bank
Latitude/Longitude	42E 10.30' N 70E 20.93' W
Event Description	<p>7/25/01</p> <ul style="list-style-type: none"> • Reported by crew from whale watch vessel • Several whale watch vessels took turns standing by • CCS team responded and attempted to disentangle. • Whale was in a tight group with four other humpbacks that prevented disentanglement <p>10/4/01</p> <ul style="list-style-type: none"> • Whale seen by whale watch personnel free of entanglement
Description of Gear on Whale	Single rope through mouth, over back and trailing approx. 20 ft behind flukes on the left side and 8 ft behind the flukes on the right side.
Description of Wounds	Entanglement wounds noted on tail stock, flukes, and lower jaw
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	6/29/01
Re-sightings:	10/3/01, 10/4/01, 12/7/01
Life History Information	Adult female; 14 years old in 2001; 45 ft in length

NMFS No.	E12-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Dead
Date 1st Observed Entangled	7/27/01
Species	Minke
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	1 mile south of Beavertail State Park, RI
Latitude/Longitude	41E 25.87' N 71E 24.96' W
Event Description	<p>7/27/01</p> <ul style="list-style-type: none"> • USCG reported dead floating whale with line wrapped behind head and another behind dorsal fin <p>7/30/01</p> <ul style="list-style-type: none"> • Whale washed up at Black Point, Narragansett, RI • Examined by Mystic Aquarium staff, no gear present • Carcass in advanced decomposition
Description of Gear on Whale	Line wrapped behind head and behind dorsal fin.
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings	None (mortality)
Life History Information	Female; 385 cm in length

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E12-01		
Field No.		Date 1 st Observed Entangled	7/27/01
Location 1 st Observed	1 nm South of Beavertail Point, Jamestown, RI	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:			Target Species:		
<u>Gear Description:</u>					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	J.F.Kenney	Date:	3-2-03	Current Location of Gear	NA

NMFS No.	E13-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	7/28/01
Species	Humpback
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	29 miles offshore SE of Schoodic, ME
Latitude/Longitude	44E 04.09' N 67E 23.02' W
Event Description	7/28/01 <ul style="list-style-type: none"> • Reported by trained observer aboard high speed ferry • Ferry personnel asked whale watch vessel to investigate • Whale was not found
Description of Gear on Whale	buoy midway between blowhole and dorsal fin
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings:	Unknown
Life History Information	Unknown

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E13-01		
Field No.		Date 1 st Observed Entangled	7/28/01
Location 1 st Observed	29 nm Southeast of Schoodic, ME	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-2-03
		Current Location of Gear	NA

NMFS No.	E14-01
Entanglement Classification	Unconfirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	8/12/01
Species	Unidentified
Species Classification	Unconfirmed
No. of Animals	1
Individual ID	Unknown
Location	Block Island, RI
Latitude/Longitude	40E 55.5' N 71E 18.3' W
Event Description	8/12/01 <ul style="list-style-type: none"> • Reported by boater to CCS and USCG • Boater did not stand by • Whale lost
Description of Gear on Whale	Reported as line through baleen, with 6 ft high flyer trailing about 80-100 feet behind whale. High flyer was submerged when animal dove.
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings	Unknown
Life History Information	Unknown

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E14-01		
Field No.		Date 1 st Observed Entangled	8/12/01
Location 1 st Observed	Block Island, RI	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation Unconfirmed
Species	Unidentified	Gear Recovered (y/n)	No
Individual ID	Unconfirmed	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-2-03
		Current Location of Gear	NA

NMFS No.	E15-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	8/15/01
Species	Humpback
Species Classification	Confirmed
No. of Animals	1
Individual ID	Drizzle
Location	Southern Stellwagen Bank
Latitude/Longitude	42E 08.02' N 70E 19.5' W
Event Description	8/15/01 <ul style="list-style-type: none"> • Reported by crew aboard a whale watch vessel • CCS responded and disentangled the whale
Description of Gear on Whale	~ 75 feet of 5/8" yellow & green polypropylene rope, split into "Y" wrapped around leading edge of right fluke. Red/orange poly float attached by carabiner.
Description of Wounds	Wounds on leading edge of tail fluke and on tail stock.
Gear Type	Probable anchoring system for tuna sportfish vessel
Sighting Prior to Entanglement	8/13/01 at 42E 09.88' N / 070E 18.14' W
Re-sightings:	8/21/01 at 42E 10.20' N / 070E 19.23' W 8/22/01 at 42E 10.67' N / 070E 19.62' W 8/31/01 at 42E 10.92' N / 070E 10.61' W
Life History Information	Male; first catalogued in 1998 - at least 4yrs old in 2001

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E15-01		
Field No.	J081501	Date 1 st Observed Entangled	8/15/01
Location 1 st Observed	Southern Stellwagen Bank, 5 nm N.W. of Race Pt., Cape Cod, MA	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Drizzle	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	8/15/01	Gear Retrieved By	CCS
Date Gear Received	Aug. 2001	Received From	CCS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:		Target Species:	
<p><u>Gear Description:</u></p> <p>Gear consists of 11 fathoms of 3/8" white sinking rope tied into a spliced eye in 5/8" floating rope (yellow w/green tracer). Also attached to this eye, with a caribiner clip and 2 feet of 5/8" sinking rope, was a low drag poly ball (LD-2). The poly ball has no markings or growth on it. From the eye, the 5/8" float rope runs 14 fm. to an end that appears to have been cut. At a point 9 fm from the eye is a splice and the same 5/8" float rope extends 4 fm to an end that appears to be cut as well.</p>			
<p><u>Comments:</u></p>			
<p><u>Conclusions:</u></p> <p>Gear appears to be some sort of anchoring system, possibly used by one of the dozens of vessels anchored in the area while fishing for tuna.</p>			
Report By:	J.F.Kenney	Date:	10-16-01
		Current Location of Gear	Kingston, RI

NMFS No.	E16-01
Entanglement Classification	Unconfirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	8/16/01
Species	Unidentified
Species Classification	Unconfirmed
No. of Animals	1
Individual ID	Unknown
Location	5-6 miles off Long Branch, Sandy Hook, NJ
Latitude/Longitude	40E 19.5' N 73E 48.0' W
Event Description	8/16/01 <ul style="list-style-type: none"> • Reported by boater to MMSC and USCG • Vessel did not stand by • USCG searched but could not locate whale
Description of Gear on Whale	Entangled in "fishing gear"; no other description.
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings	Unknown
Life History Information	Unknown

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E16-01		
Field No.		Date 1 st Observed Entangled	8/16/01
Location 1 st Observed	5 nm off Long Branch, Sandy Hook, NJ	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation Unconfirmed
Species	Unidentified	Gear Recovered (y/n)	No
Individual ID	Unconfirmed	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-2-03
		Current Location of Gear	NA

NMFS No.	E17-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Dead
Date 1st Observed Entangled	8/17/01
Species	Minke
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	Second Beach, Middletown, RI
Latitude/Longitude	41E 28.44' N 71E 14.84' W
Event Description	8/17/01 <ul style="list-style-type: none"> • Reported dead on beach, 9am • Investigated by Mystic Aquarium staff • Cause of death was determined to be starvation and infection
Description of Gear on Whale	Rope entangled around right mandible.
Description of Wounds	Severe necrosis of rostral maxillary bone with generalized exposure. 25cm x 10cm linear angular ulceration of left commissure epidermis.
Gear Type	Unknown - 3/16" and 1/4" dia. rope
Sighting Prior to Entanglement	Unknown
Re-sightings:	None (Mortality)
Life History Information	Sub-adult male, 390 cm in length

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E17-01		
Field No.		Date 1 st Observed Entangled	8/17/01
Location 1 st Observed	Second Beach, Middletown, RI	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	
Species	Minke	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	Unknown	Gear Retrieved By	Mystic Aquarium
Date Gear Received	12/10/01	Received From	T.Binder, Mystic Aq.
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown	Target Species:	
<p><u>Gear Description:</u></p> <p>Two sizes of orange poly, 3/16" & 1/4", approximately 20 feet each and a shorter length of 5/32 - 3/16" that may be dacron.</p>			
<p><u>Comments:</u></p>			
<p><u>Conclusions:</u></p>			
Report By:	J.F.Kenney	Date:	3-2-03
		Current Location of Gear	Kingston, RI

NMFS No.	E18-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	8/20/01
Species	Humpback
Species Classification	Confirmed
No. of Animals	1
Individual ID	Reflection
Location	Southern Stellwagen Bank
Latitude/Longitude	42E 09.6' N 70E 20.7' W
Event Description	8/20/01 <ul style="list-style-type: none"> • Sighted by CCS observer aboard Dolphin VI • Minor entanglement, no disentanglement attempt launched.
Description of Gear on Whale	Monofilament noted on right fluke blade.
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	8/19/01 at 42E 10.24' N / 070E 19.47' W
Re-sightings:	8/21/01 at 42E 10.27' N / 070E 19.95' W 9/11/01 at 42E 09.40' N / 070E 20.53' W with several other sightings through 10/4/01
Life History Information	Adult female

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E18-01		
Field No.		Date 1 st Observed Entangled	8/20/01
Location 1 st Observed	Southern Stellwagen Bank MA	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Reflection	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-2-03
		Current Location of Gear	NA

NMFS No.	E19-01
Entanglement Classification	Unconfirmed
Live/Dead Outcome	Dead
Date 1st Observed Entangled	9/8/01
Species	Humpback
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	Seaside Heights, NJ
Latitude/Longitude	39E 57.9' N 74E 01.3' W
Event Description	<p>9/8/01</p> <ul style="list-style-type: none"> • USCG reported fresh dead whale floating 3 miles E. of Seaside Heights, NJ • USCG documented with photos <p>9/9/01</p> <ul style="list-style-type: none"> • Washed ashore in Belmar, NJ • Private citizen noted gear present on mouth of whale and removed gear before it could be documented by the Stranding Network. • Carcass buried before it could be examined by the Stranding Network for signs of entanglement.
Description of Gear on Whale	Monofilament webbing, 5" stretch mesh, 0.033" twine diameter.
Description of Wounds	Not examined
Gear Type	Unknown
Sighting Prior to Entanglement	Unknown
Re-sightings	None (mortality)
Life History Information	~28 ft in length

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E19-01		
Field No.		Date 1 st Observed Entangled	9/8/01
Location 1 st Observed	Seaside Heights, NJ	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	Unknown	Gear Retrieved By	
Date Gear Received	2/25/03	Received From	R.Schoelkopf, MMSC
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:	Unknown	Target Species:	
<p><u>Gear Description:</u></p> <p>Monofilament webbing, 5" stretch mesh. 0.033" twine diameter. No floatline or leadline present. 50 meshes deep.</p>			
<p><u>Comments:</u></p>			
<p><u>Conclusions:</u></p> <p>Unknown gear type.</p>			
Report By:	J.F.Kenney	Date:	3-2-03
		Current Location of Gear	Kingston, RI

NMFS No.	E20-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	9/13/01
Species	Right
Species Classification	Confirmed
No. of Animals	1
Individual ID	Pending, has not yet been identified as a known individual
Location	Lower Bay of Fundy
Latitude/Longitude	44E 34.80' N 66E 18.50' W
Event Description	9/13/01 <ul style="list-style-type: none"> • Whale sighted and documented by NEAq whale researchers • The entanglement was determined to be minor and no further action was taken
Description of Gear on Whale	25' of red line running from forward of the left pectoral flipper (no wrap) and trailing back in loose coils to approximately the leading edge of the tail flukes.
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings:	Unknown
Life History Information	~35 ft in length

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E20-01		
Field No.	J091301	Date 1 st Observed Entangled	9/13/01
Location 1 st Observed	12 nm north of Boars Head, NS. BOF	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right whale	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	10-16-01
		Current Location of Gear	NA

NMFS No.	E21-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	9/17/01
Species	Humpback
Species Classification	Confirmed
No. of Animals	1
Individual ID	Overcast (CCS #2029)
Location	Southern Stellwagen Bank
Latitude/Longitude	42E 08.75' N 70E 19.13' W
Event Description	<p>9/17/01</p> <ul style="list-style-type: none"> • Entangled whale sighted by whale watch personnel • Entanglement was reported one day later to CCS <p>9/23/01</p> <ul style="list-style-type: none"> • Whale was resighted by whale watch personnel - vessel stood by • CCS responded but whale had been lost • Whale was relocated by a different whale watch vessel • CCS team disentangled whale-(temporary id assigned: CCS# 2029)
Description of Gear on Whale	Small diameter greenish line reportedly wrapped three times around the body. Line was also believed to be trailing behind the whale. Floating and sinking rope.
Description of Wounds	Some wounds on the tail stock and on the pectoral flippers.
Gear Type	Pot related fishery
Sighting Prior to Entanglement	10/4/00 by researchers
Re-sightings:	9/23/01 (see above)
Life History Information	Yearling or Juvenile; ~30-35 ft in length

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E21-01		
Field No.	J091701	Date 1 st Observed Entangled	9/17/01
Location 1 st Observed	Southern Stellwagen Bank 6 nm NW of Race Pt Cape Cod, MA	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation (9/17) Disentanglement (9/23)
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Overcast	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	9/23/01	Gear Retrieved By	CCS
Date Gear Received	9/01	Received From	CCS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	pot related gear	Target Species:	

Gear Description: The following is a description of the gear that appeared to be the buoy line and part of the ground line of trap gear: The buoy line consisted of Approx. 20 fathom of 5/16 easy-haul (sink rope) and 20 fathom of 5/16 black poly(float rope), 2 fathom from the buoy end (no buoy present) of the easy-haul was a 52" poly gangion sliced in to easy haul, this gangion was cut by CCS. Three fathom from the trap end of the buoy line was a spliced loop , this loop was tied into with a double becket leading down to the first gangion , the gangion was approx. 3/8 poly 5' long tucked through main line and back spliced. The end of the gangion was still attached to what seems to be a parted off trap bridle (5/16black poly). The ground line (5/16 black poly) continues for 12 fathom where another gangion (5' of 5/16 yellow poly) is tucked and back spliced into main line with again what appears to be a parted off trap bridle(5/16 black poly). After looking at where CCS had marked gear it appears that the animal was entangled between the 1st and 2nd gangion. The ground line (5/16 black poly) continues from the 2nd gangion for 6 fathom where the remaining 12 fathom of the ground line was neatly coiled and tied. Approx. 3' from the bitter end of the ground line was what's left of a green poly gangion tucked and spliced into ground line , this gangion was parted off right at the splice in main line. The third gangion was 18 fathom from the 2nd. I (Glenn) made a cut a few inches in from the bitter end of the line and taped that piece back to main line, all other cuts in line were made by CCS while disentangling animal.

Comments:

Conclusions:

Pot related gear.

Report By:	J.F.Kenney	Date:	10-16-01	Current Location of Gear	Kingston, RI
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NMFS No.	E22-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Dead
Date 1st Observed Entangled	9/19/01
Species	Fin
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	Off Bermuda
Latitude/Longitude	38E 42.406' N 72E 50.71' W
Event Description	9/19/01 <ul style="list-style-type: none"> • Dead whale sighted and investigated by crew on a WHOI research vessel • High Definition images were taken and reveal a number of entanglement scars
Description of Gear on Whale	No gear observed
Description of Wounds	Mesh indentation on the flank and tail stock
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings:	None (Mortality)
Life History Information	Unknown

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E22-01		
Field No.		Date 1 st Observed Entangled	9-19-01
Location 1 st Observed	Off Bermuda	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding
Species	Fin	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-2-03
		Current Location of Gear	NA

NMFS No.	E23-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	10/20/01
Species	Minke
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	Southeast corner of Stellwagen Bank
Latitude/Longitude	42E 11.4' N 70E 09.51' W
Event Description	10/20/01 <ul style="list-style-type: none"> • Sighted by naturalist aboard whale watch vessel and reported to CCS • Vessel did not stand by • No disentanglement response
Description of Gear on Whale	Line and high flyer.
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings	Unknown
Life History Information	Unknown

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E23-01		
Field No.		Date 1 st Observed Entangled	10/20/01
Location 1 st Observed	Southeast corner of Stellwagen Bank, MA	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-3-03
		Current Location of Gear	NA

NMFS No.	E24 - 01
Entanglement Classification	Unconfirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	10/21/01
Species	Unidentified
Species Classification	Unconfirmed
No. of Animals	1
Individual ID	Unknown
Location	Southwest corner of Stellwagen Bank
Latitude/Longitude	42E 09.0' N 70E 18.0' W
Event Description	10/21/01 <ul style="list-style-type: none"> • Reported to USCG by fishing vessel • USCG lost contact with the vessel, vessel did not stand by • Event unverified, no disentanglement response.
Description of Gear on Whale	Whale reported as wrapped up in line
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings:	Unknown
Life History Information	Unknown

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E24-01		
Field No.		Date 1 st Observed Entangled	10/21/01
Location 1 st Observed	Southwest corner of Stellwagen Bank, MA	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation Unconfirmed
Species	Unidentified	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-3-03
		Current Location of Gear	NA

NMFS No.	E25-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Dead
Date 1st Observed Entangled	11/3/01
Species	Right
Species Classification	Confirmed
No. of Animals	1
Individual ID	1238
Location	Magdalen Islands, Canada
Latitude/Longitude	47E 15.2' N -62E 00.7' W
Event Description	11/3/01 <ul style="list-style-type: none"> • Reported by DFO observer • Investigated by DFO, NEAq and WHOI staff • Moderate to advanced decomposition • Necropsy report pending
Description of Gear on Whale	7/8" green poly blend line around flippers and underside of belly.
Description of Wounds	None noted
Gear Type	Danish seine gear
Sighting Prior to Entanglement	06/25/01 in Great South Channel -NMFS aerial survey
Re-sightings	None (mortality)
Life History Information	Adult male, 46 ft in length

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E25 -01		
Field No.	J102501	Date 1 st Observed Entangled	~10/25/01
Location 1 st Observed	Magdalen Island, Gulf of St. Lawrence, Canada	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding Dead
Species	Right whale	Gear Recovered (y/n)	Yes
Individual ID	1238	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	10/28/01	Gear Retrieved By	DFO, NEAq, WHOI, CCS
Date Gear Received	March, 2002	Received From	DFO, Lena Measures
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:	Danish Seine	Target Species:	dab (American plaice)
<p><u>Gear Description:</u></p> <p>Rope measured and reported by DFO as 87.79 meters total length (7 individual pieces). Size measured 2-9/16"Cir or 13/16" Diameter. Some of the rope has a lead core which makes it sink (Sg = 1.278), while the non-lead sections of rope float (Sg = 0.898).</p>			
<p><u>Comments:</u></p> <p>This type of rope is consistent with that used in the Danish seine fishery according to DFO's specialist. Around 120 boats participate in a fall fishery targeting dab in the Bay of St. Lawrence.</p>			
<p><u>Conclusions:</u></p> <p>Rope is consistent with that used in the Danish seine fishery.</p>			
Report By:	J. F. Kenney	Date:	9/16/02
		Current Location of Gear	Kingston, RI

NMFS No.	E26-01
Entanglement Classification	Unconfirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	11/6/01
Species	Unidentified
Species Classification	Unconfirmed
No. of Animals	1
Individual ID	Unknown
Location	500 ft off South Side of Boar's Head, Hampton Beach, NH
Latitude/Longitude	~42.913E N ~ -70.798E W
Event Description	<p>11/6/01</p> <ul style="list-style-type: none"> • Reported by surfer • Animal was thought to be entangled but gear was never seen. • Surfaced every 3-5 minutes to breathe • Whale was estimated as 12-18 ft in length, with dorsal fin
Description of Gear on Whale	No gear observed
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings	Unknown
Life History Information	Unknown

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E26-01		
Field No.		Date 1 st Observed Entangled	11/6/01
Location 1 st Observed	Boar's Head, Hampton Beach, NH	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation Unconfirmed
Species	Unidentified	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-3-03
		Current Location of Gear	NA

NMFS No.	E27-01
Entanglement Classification	Confirmed
Live/Dead Outcome	Dead
Date 1st Observed Entangled	12/13/01
Species	Minke
Species Classification	Confirmed
No. of Animals	1
Individual ID	Unknown
Location	6 miles NE of Provincetown, MA
Latitude/Longitude	~42E 21' N ~70E 43' W
Event Description	<p>12/13/01</p> <ul style="list-style-type: none"> • Reported by boater. • Fresh wounds noted around the tail stock. <p>12/17/01</p> <ul style="list-style-type: none"> • Reported and documented by MA DMF Aerial Survey. • Photos document entanglement wounds on tail stock.
Description of Gear on Whale	No gear observed
Description of Wounds	Deep wound around tail stock.
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings	None (mortality)
Life History Information	~ 25 ft in length

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E27-01		
Field No.		Date 1 st Observed Entangled	12/13/01
Location 1 st Observed	6 nm Northeast of Provincetown, MA	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman		Location
	Other		Depth
			Bottom Type
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	J.F.Kenney	Date:	3-3-03
		Current Location of Gear	NA

NMFS No.	E28-01
Entanglement Classification	Unconfirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	12/28/01
Species	Unidentified
Species Classification	Unconfirmed
No. of Animals	1
Individual ID	Unknown
Location	Between Duck and Sanderling NC
Latitude/Longitude	36E 10.1' N 75E 45.1' W
Event Description	<p>12/28/01</p> <ul style="list-style-type: none"> • Reported by boater • Described as having long white flippers and 35-40 ft. in total length • Boater unable to stand by due to rough seas and dusk • Next day, VMSM aerial survey unable to relocate whale
Description of Gear on Whale	Reported as multiple wraps around the head. Beach-set gillnet gear, with orange buoy trailing (unconfirmed).
Description of Wounds	None noted
Gear Type	Unknown - no gear recovered
Sighting Prior to Entanglement	Unknown
Re-sightings	Unknown
Life History Information	Unknown

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E28-01		
Field No.		Date 1 st Observed Entangled	12/28/01
Location 1 st Observed	Between Duck and Sanderling, NC	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation Unconfirmed
Species	Unidentified	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:		Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u> No gear recovered.			
Report By:	J.F.Kenney	Date:	3-3-03
		Current Location of Gear	NA

2000 Updates

NMFS No.	E24-00 (An update on a whale that was first sighted entangled in 2000)
Entanglement Classification	Confirmed
Live/Dead Outcome	Live
Date 1st Observed Entangled	8/18/00 by NOAA Fisheries staff. Next seen on 2/2/01
Species	Right
Species Classification	Confirmed
No. of Animals	1
Individual ID	2223, Calvin
Location	Off of Wood End, Cape Cod Bay, Provincetown, MA
Latitude/Longitude	42E 00.61' N 70E 10.33' W
Event Description	<p>2/2/01</p> <ul style="list-style-type: none"> Reported by CCS staff from R/V Shearwater CCS staff stayed on scene until dark to further document entanglement Whale appeared to be behaving normally; feeding with 10+ others, long dives with short time at the surface USCG Helicopter crew with MA Env. Police attempted to document the entanglement from the air. <p>2/4/01</p> <ul style="list-style-type: none"> CCS/MA DMF aerial survey team sighted the entangled whale Slides and digital images were taken <p>3/17/01</p> <ul style="list-style-type: none"> CCS/MA DMF aerial survey team sighted the entangled whale CCS responded and attempted to disentangle but were unsuccessful <p>3/29/01</p> <ul style="list-style-type: none"> CCS applied a telemetry buoy and removed about 100 ft of trailing line CCS/MA DMF Aerial Survey team assisted and documented from the air <p>4/30/01 - 5/2 /01</p> <ul style="list-style-type: none"> R/V "Song of the Whale" crew documented from the water. <p>3/29/01 - 5/4/01</p> <ul style="list-style-type: none"> Satellite tag failed after 36 days <p>5/8/01</p> <ul style="list-style-type: none"> R/V "Song of the Whale" located the buoy which was damaged 27 meters of line was attached to the buoy <p>6/8/01</p> <ul style="list-style-type: none"> NOAA SAS team sighted Calvin free of any entangling line
Description of Gear on Whale	Single line wrap on body about 1 meter behind the blow holes. No gear was seen on the tail stock or trailing behind the whale.
Description of Wounds	None noted
Gear Type	Blue/green approximately 3/8" in diameter
Sighting Prior to Entanglement	7/25/01 behaving oddly and w/ fresh entanglement scars (ent. may not have been noted) 4/7/2000 at 4148.1/7011.6 in Cape Cod Bay apparently without gear
Re-sightings	<p>2/4/01 from the CCS/MA DMF Aerial Survey team (Skymaster)</p> <ul style="list-style-type: none"> 12:38 41E 58.3' N / 70E 10.7' W 13:08 41E 58.1' N / 70E 10.9' W <p>3/17/01 from the CCS/MA DMF Aerial Survey team (Skymaster)</p> <ul style="list-style-type: none"> 14:35 42E 01.1' N / 70E 18.32' W <p>3/29/01 Aerial survey</p> <ul style="list-style-type: none"> 11:30 42E 05.2' N / 70E 32.8' W <p>4/30 - 5/2/01</p> <ul style="list-style-type: none"> Great South Channel <p>6/8/01 from NOAA SAS plane</p> <ul style="list-style-type: none"> Great South Channel (free of entanglement)
Life History and Sighting Information	40 + feet in length 9 year old female (in 2001)